

## PATENT COOPERATION TREATY

## PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ADM/6722 WD	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 01/05038	International filing date (day/month/year) 16/11/2001	(Earliest) Priority Date (day/month/year) 20/09/2001
Applicant YEUNG, Kui Wong		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☐ Unity of invention is lacking (see Box II).

## 4. With regard to the title,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

## 5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.

☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

## 6. The figure of the drawings to be published with the abstract is Figure No.

☒ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

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☐ None of the figures.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/GB 01/05038

Box III TEXT OF THE ABSTRACT (Continuation of item 5 of the first sheet)

Line 1 after "exchanger" insert "(30)", after "filter" insert "(40)"

International Application No.

PCT/GB 01/05038

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 F24F12/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F24F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category \* Citation of document, with indication, where appropriate, of the relevant passages

Relevant to claim No.

X	EP 0 855 560 A (SIEGENIA FRANK KG) 29 July 1998 (1998-07-29) column 5, line 2 -column 6, line 7; figures 1,2	1-3
A	WO 99 60307 A (ELASTEK INC) 25 November 1999 (1999-11-25) page 19, line 12 -page 22, line 9	5
A	US 4 513 809 A (DRAVNIKS KONSTANTINS ET AL) 30 April 1985 (1985-04-30) column 4, paragraph 1; figure 2	6
A	EP 0 942 237 A (OLSBERG HERMANN EVERKEN GMBH) 15 September 1999 (1999-09-15) paragraphs '0034!', '0038!; figure 1	1

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

\*Z\* document member of the same patent family

Date of the actual completion of the international search

Date of making of the international search report

21 August 2002

30/08/2002

Name and mailing address of the ISA

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Information on patent family members

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International Application No

PCT/GB 01/05038

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0855560	A	29-07-1998	DE	29701324 U1	20-03-1997
			EP	0855560 A2	29-07-1998
			NO	973593 A	27-07-1998
			PL	323891 A1	03-08-1998
WO 9960307	A	25-11-1999	US	6289974 B1	18-09-2001
			WO	9960307 A1	25-11-1999
			US	2001018964 A1	06-09-2001
US 4513809	A	30-04-1985	CA	1256737 A1	04-07-1989
EP 0942237	A	15-09-1999	DE	19810357 A1	16-09-1999
			EP	0942237 A2	15-09-1999